

Supplemental Fig. 6. Spatial distribution of related DEFLs in the genome of

Arabidopsis thaliana. Defensin-like sequences (DEFLs) were identified by iterative BLAST and HMM searches (see Materials and Methods). Each symbol represents a single homolog. Symbols representing DEFLs that fall within a 100,000 bp window are stacked vertically. The largest local clusters are numbered for cross reference with the text and with other figures and tables. Sequences are symbol-differentiated according to the sequence-related subgroups to which they belong (see text for subgroup details). Overlapping subgroups (i.e., those that have one or more sequence members that score against a neighboring subgroup's HMM with an E-value $< 10^{-4}$) are assigned a single symbol. Specific symbol assignments are: **black-filled-circle**: CRP0000, CRP0030, CRP0090, CRP0100; **red-plus-sign**: CRP0220; **green-cross**: CRP0240; **blue-asterisk**: CRP0260; **pink-open-square**: CRP0300; **cyan-filled-square**: CRP0320; **orange-open-triangle-pointing-up**: CRP0330, CRP0350; **gray-filled-triangle-pointing-up**: CRP0340; **red-open-triangle-pointing-down**: CRP0360; **yellow-open-circle**: CRP0370; **green-filled-triangle-pointing-down**: CRP0500, CRP0520, CRP0550, CRP0560, CRP0570, CRP0580, CRP0590; **blue-open-diamond**: CRP0650; **pink-filled-diamond**: CRP0660; **cyan-open-pentagon**: CRP0670; **black-open-circle-12-o'clock-tick**: CRP0680; **orange-open-circle-NE-quadrant-filled**: CRP0700; **yellow-filled-pentagon**: CRP0720, CRP0730; **gray-open-circle-NW-quadrant-filled**: CRP0770; **red-open-circle-upper-half-filled**: CRP0810; **green-open-circle-SW-quadrant-filled**: CRP0830, CRP0860; **blue-open-circle-diagonal-cross**: CRP0880; **pink-open-circle-left-half-filled**: CRP0920; **cyan-filled-circle-SE-quadrant-open**: CRP0940; **black-open-circle-right-half-filled**: CRP0960; **orange-open-circle-diagonal-cross**: CRP0980; **gray-filled-**

circle-SW-quadrant-open: CRP1000; **green-filled-circle-NW-quadrant-open:**
CRP1040; **pink-filled-circle:** CRP1050; **black-open-square-NW-corner-filled:**
CRP1060; **red-open-square-upper-half-filled:** CRP1100; **cyan-open-square-12-**
o'clock-tick: CRP1110; **gray-open-square-SW-corner-filled:** CRP1120; **blue-filled-**
circle-NE-quadrant-open: CRP1280; **red-open-square-diagonal-cross:** CRP1510;
green-open-square-left-half-filled: no group assigned.